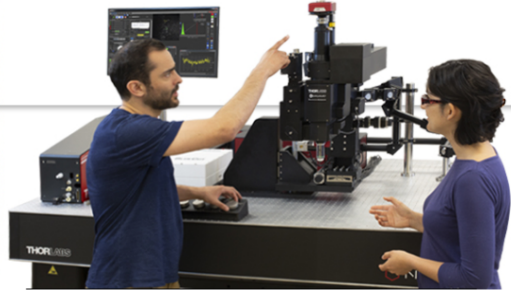
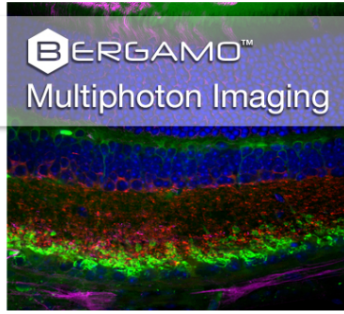




**Bergamo® II Series Multiphoton Microscopes**



- Overview
- Features
- Modules
- Configurations
- Retrofits
- Image Gallery
- Publications
- ThorImageLS
- Print
- Specs
- Feedback

The Bergamo® II Series is Thorlabs' platform for multiphoton microscopy. Following the principle that the microscope should conform to the specimen, rather than the other way around, we created a completely modular imaging platform that adapts to a wide range of experimental requirements and can be easily upgraded as experimental needs evolve.

**Options at a Glance**

**Laser Scanning**

- 8 kHz and 12 kHz Resonant-Galvo-Galvo and Galvo-Resonant Scanners for High-Speed Imaging
- Galvo-Galvo Scanners for User-Defined ROI Shapes and Photostimulation Patterns
- Spatial Light Modulator for Simultaneous Multi-Point Targeting
- Super Broadband Scan Optics Optimized for:
  - Photoactivation / Uncaging
  - Two-Photon Imaging
  - Three-Photon Imaging
- Co-Registered Confocal Imaging

**Microscope Body**


- Rotating Bodies (See Video to the Right)
  - 5" of Coarse Vertical Motion
  - -2° to +95° or -50° to +50° Rotation Around the Sample (-45° to +45° Only with SLM)
  - 2" of Fine X-Y Motion
  - 1" of Fine Z Motion
  - X, Y, and Z Rotate with Objective
- Upright Bodies
  - Fine Z or Fine XYZ Motion

**Signal Detection**

- Up to Four Simultaneous Detection Channels
- Thermoelectrically Cooled or Large-Angle Non-Cooled GaAsP and MultiAlkali PMTs
- 8", 10", or 14" Collection Optics in Epi Direction (for Ø20 mm Entrance Pupil)
- 13" in Transmission Direction
- Mechanical Shutters Available for Photostimulation
- Option for Two Forward-Direction Detection Channels
- Easy-to-Exchange Magnetic Filter Holders

**Transmitted Light Imaging**

- Dotti Gradient Contrast (Widefield and Laser Scanned)
- DIC (Widefield and Laser Scanned)
- Illumination Modules are Easily Removed for In Vivo Experiments
- Visible and NIR LED Illumination
- Available for Rotating and Upright Bodies



Sam Rubin  
Imaging Systems General Manager

**Feedback?  
Questions?  
Need a Quote?**

[Contact Me](#)

Five-Axis Movement of Rotating Bergamo Microscopes

**Imaging Systems Demo Rooms**

To ensure our customers choose the best imaging system for their needs, Thorlabs® operates showrooms at a number of locations worldwide.

**Click on the locations to the right for contact information and available demo systems.**



**Thorlabs USA**

[Click for Contact Info](#)



**Thorlabs Japan**

[Click for Contact Info](#)



**Thorlabs China**

[Click for Contact Info](#)



Try Our Microscopes in Person

Based on your currency / country selection, your order will ship from Newton, New Jersey

+1	Qty	Docs	Part Number - Universal	Price	<a href="#">Available / Ships</a>
N/A	N/A		<b>BERGAMO</b> Multiphoton Imaging Microscope	CALL	<a href="#">Lead Time</a>
<div style="border: 1px solid gray; padding: 5px; display: inline-block;">Add To Cart</div>					

**Additional Imaging Systems & Components**

- ▶ Multiphoton Microscopes: Bergamo® II Series [Hyperspectral Imaging System](#) [OCT Imaging](#)
- [Microscopy Systems Overview](#) [TIDE™ Whole-Slide-Scanning Research Microscope](#) [Optical Tweezers](#)
- [Multiphoton Mesoscope](#) [Microscopes & DIY Components: Cerna® Series](#) [Detectors](#)
- [Confocal Microscopes](#) [Imaging Cytometry](#) [Microscopy Components](#)
- [ThorImageLS Microscopy Software](#) [Tunable Ti:Sapphire Laser for Multiphoton Imaging](#) [Scientific Cameras](#)